

L Numb r	Hits	S arch T xt	DB	Time stamp
-	0	09/965806 09/965805	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 10:17
-	6	3369666.pn. 4524805.pn. 3802564.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 10:17
-	170	cecil-t\$.xa,xp.	USPAT; US-PGPUB; EPO; JPO	2002/10/19 12:06
-	32	cecil-t\$.xa,xp. and oil	USPAT; US-PGPUB; EPO; JPO	2002/10/19 12:06
-	9	(cecil-t\$.xa,xp. and oil ) and 210/13?.ccls.	USPAT; US-PGPUB; EPO; JPO	2002/10/19 12:11
-	18	("0287007"   "0729027"   "0743006"   "2072271"   "3042215"   "3184062"   "3231089"   "3305095"   "3369666"   "3590851"   "4129144"   "4144168"   "5250176"   "5690816"   "5833843"   "5971016"   "6027640"   "6050295").PN.	USPAT	2002/10/19 12:09
-	0	6284130.URPN.	USPAT	2002/10/19 12:09
-	20	("0263259"   "0615751"   "0657007"   "0813075"   "1596520"   "2292373"   "2328382"   "2352642"   "2446571"   "2569369"   "2594318"   "2598002"   "2642259"   "2724442"   "3369666"   "3429108"   "3504699"   "3773233"   "4067414"   "4077429").PN.	USPAT	2002/10/19 12:10
-	34	4524805.URPN.	USPAT	2002/10/19 12:10
-	7	("1872430"   "2087887"   "2211305"   "2253684"   "2275481"   "2418777"   "3095370").PN.	USPAT	2002/10/19 12:10
-	4	3802564.URPN.	USPAT	2002/10/19 12:10
-	19	3369666.URPN.	USPAT	2002/10/19 12:10
-	17	((("2524254") or ("2589766") or ("2594525") or ("2598002") or ("2959832") or ("3184062") or ("3245428")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 12:11
-	10	2598002.URPN.	USPAT	2002/10/19 12:12
-	18	("0287007"   "0729027"   "0743006"   "2072271"   "3042215"   "3184062"   "3231089"   "3305095"   "3369666"   "3590851"   "4129144"   "4144168"   "5250176"   "5690816"   "5833843"   "5971016"   "6027640"   "6050295").PN.	USPAT	2002/10/19 12:14
-	0	6284130.URPN.	USPAT	2002/10/19 12:14
-	109	((("0287007"   "0729027"   "0743006"   "2072271"   "3042215"   "3184062"   "3231089"   "3305095"   "3369666"   "3590851"   "4129144"   "4144168"   "5250176"   "5690816"   "5833843"   "5971016"   "6027640"   "6050295").PN.) (("0263259"   "0615751"   "0657007"   "0813075"   "1596520"   "2292373"   "2328382"   "2352642"   "2446571"   "2569369"   "2594318"   "2598002"   "2642259"   "2724442"   "3369666"   "3429108"   "3504699"   "3773233"   "4067414"   "4077429").PN.) 4524805.URPN. (("1872430"   "2087887"   "2211305"   "2253684"   "2275481"   "2418777"   "3095370").PN.) 3802564.URPN. 3369666.URPN. 2598002.URPN. (("0287007"   "0729027"   "0743006"   "2072271"   "3042215"   "3184062"   "3231089"   "3305095"   "3369666"   "3590851"   "4129144"   "4144168"   "5250176"   "5690816"   "5833843"   "5971016"   "6027640"   "6050295").PN.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 13:21

Search History 10/21/02 1:31:27 PM Page 1

-	18	("2092162"   "2183616"   "2937756"   "3132097"   "3231089"   "3235085"   "3243045"   "3305095"   "3332554"   "3529722"   "3557957"   "3567023"   "3785491"   "4144168"   "4732678"   "4872976"   "5284579"   "5405527").PN.	USPAT	2002/10/19 13:00
-	9	("3231089"   "3305095"   "3332554"   "3567023"   "3785491"   "4144168"   "4732678"   "4872976"   "5284579").PN.	USPAT	2002/10/19 13:06
-	8	5405527.URPN.	USPAT	2002/10/19 13:07
-	26	("3042215"   "3184062"   "3235085"   "3297162"   "3315809"   "3369666"   "3370708"   "3456800"   "3529722"   "3557957"   "3599792"   "3662893"   "3785491"   "3807561"   "3912630"   "3984318"   "3996137"   "4099540"   "4127484"   "4272368"   "4279746"   "4497706"   "4500425"   "4764275"   "4820409"   "4935127").PN.	USPAT USPAT	2002/10/19 13:12
-	4	3184062.URPN.	USPAT	2002/10/19 13:19
-	0	covington-edward\$.in.	US-PGPUB	2002/10/19 13:22
-	23	covington-edward\$.in.	USPAT; US-PGPUB	2002/10/19 13:34
-	26	137/846,849,850.ccls. and oil	USPAT; US-PGPUB	2002/10/19 13:35
-	28	137/846,849,850.ccls. and oil	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 13:38
-	17	210/130,136.ccls.	US-PGPUB	2002/10/19 14:22
-	1413	210/130,136.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 13:45
-	4	210/130,136.ccls. and (clean adj side) near2 valve	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 14:16
-	4	daniel-dieter\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 14:16
-	7	210/130.ccls.	US-PGPUB	2002/10/19 14:22
-	576	210/130.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 14:38
-	154	210/130.ccls. and oil	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 15:16
-	106	210/130.ccls. and 210/136.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 15:16
-	52	(210/130.ccls. and 210/136.ccls.) not (210/130.ccls. and oil)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 15:16
-	4	3184062.URPN.	USPAT	2002/10/19 15:20
-	195	210/130.ccls. and oil	USOCR	2002/10/19 15:31
-	339	210/136.ccls. n t 210/130.ccls.	USOCR	2002/10/19 15:31
-	827	210/136.ccls. not 210/130.ccls.	USPAT; EPO; JPO	2002/10/19 15:31
-	98	(210/136.ccls. not 210/130.ccls. ) and oil	USOCR	2002/10/19 15:32
-	108	(210/136.ccls. not 210/130.ccls. ) and oil	USPAT; EPO; JPO	2002/10/19 15:37

-	102	<p>((210/136.ccls. not 210/130.ccls. ) and oil) n t  ((3369666.pn. 4524805.pn. 3802564.pn.)  cecil-t\$.xa,xp. (c cil-t\$.xa,xp. and il)  ((cecil-t\$.xa,xp. and oil ) and 210/13?.ccls.)  (("0287007"   "0729027"   "0743006"   "2072271"    "3042215"   "3184062"   "3231089"   "3305095"    "3369666"   "3590851"   "4129144"   "4144168"    "5250176"   "5690816"   "5833843"   "5971016"    "6027640"   "6050295").PN.) (("0287007"    "0729027"   "0743006"   "2072271"   "3042215"    "3184062"   "3231089"   "3305095"   "3369666"    "3590851"   "4129144"   "4144168"   "5250176"    "5690816"   "5833843"   "5971016"   "6027640"    "6050295").PN.) ("0263259"   "0615751"    "0657007"   "0813075"   "1596520"   "2292373"    "2328382"   "2352642"   "2446571"   "2569369"    "2594318"   "2598002"   "2642259"   "2724442"    "3369666"   "3429108"   "3504699"   "3773233"    "4067414"   "4077429").PN.) 4524805.URPN.  (("1872430"   "2087887"   "2211305"   "2253684"    "2275481"   "2418777"   "3095370").PN.)  3802564.URPN. 3369666.URPN. 2598002.URPN.  (("0287007"   "0729027"   "0743006"   "2072271"    "3042215"   "3184062"   "3231089"   "3305095"    "3369666"   "3590851"   "4129144"   "4144168"    "5250176"   "5690816"   "5833843"   "5971016"    "6027640"   "6050295").PN.) ("2092162"    "2183616"   "2937756"   "3132097"   "3231089"    "3235085"   "3243045"   "3305095"   "3332554"    "3529722"   "3557957"   "3567023"   "3785491"    "4144168"   "4732678"   "4872976"   "5284579"    "5405527").PN.) ("3231089"   "3305095"    "3332554"   "3567023"   "3785491"   "4144168"    "4732678"   "4872976"   "5284579").PN.)  5405527.URPN. ("3042215"   "3184062"    "3235085"   "3297162"   "3315809"   "3369666"    "3370708"   "3456800"   "3529722"   "3557957"    "3599792"   "3662893"   "3785491"   "3807561"    "3912630"   "3984318"   "3996137"   "4099540"    "4127484"   "4272368"   "4279746"   "4497706"    "4500425"   "4764275"   "4820409"    "4935127").PN.) covington-edward\$.in.  (137/846,849,850.ccls. and oil)  (137/846,849,850.ccls. and oil) 210/130,136.ccls.)</p>	USPAT; EPO; JPO	2002/10/19 15:42
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-	113	210/430.ccls. not ((3369666.pn. 4524805.pn. 3802564.pn.) c cil-t\$.xa, xp. (cecil-t\$.xa, xp. and oil ) ((c cil-t\$.xa, xp. and il) and 210/13?.ccls.) (("0287007"   "0729027"   "0743006"   "2072271"   "3042215"   "3184062"   "3231089"   "3305095"   "3369666"   "3590851"   "4129144"   "4144168"   "5250176"   "5690816"   "5833843"   "5971016"   "6027640"   "6050295").PN.) (("0287007"   "0729027"   "0743006"   "2072271"   "3042215"   "3184062"   "3231089"   "3305095"   "3369666"   "3590851"   "4129144"   "4144168"   "5250176"   "5690816"   "5833843"   "5971016"   "6027640"   "6050295").PN.) (("0263259"   "0615751"   "0657007"   "0813075"   "1596520"   "2292373"   "2328382"   "2352642"   "2446571"   "2569369"   "2594318"   "2598002"   "2642259"   "2724442"   "3369666"   "3429108"   "3504699"   "3773233"   "4067414"   "4077429").PN.) 4524805.URPN. (("1872430"   "2087887"   "2211305"   "2253684"   "2275481"   "2418777"   "3095370").PN.) 3802564.URPN. 3369666.URPN. 2598002.URPN. (("0287007"   "0729027"   "0743006"   "2072271"   "3042215"   "3184062"   "3231089"   "3305095"   "3369666"   "3590851"   "4129144"   "4144168"   "5250176"   "5690816"   "5833843"   "5971016"   "6027640"   "6050295").PN.) (("2092162"   "2183616"   "2937756"   "3132097"   "3231089"   "3235085"   "3243045"   "3305095"   "3332554"   "3529722"   "3557957"   "3567023"   "3785491"   "4144168"   "4732678"   "4872976"   "5284579"   "5405527").PN.) (("3231089"   "3305095"   "3332554"   "3567023"   "3785491"   "4144168"   "4732678"   "4872976"   "5284579").PN.) 5405527.URPN. (("3042215"   "3184062"   "3235085"   "3297162"   "3315809"   "3369666"   "3370708"   "3456800"   "3529722"   "3557957"   "3599792"   "3662893"   "3785491"   "3807561"   "3912630"   "3984318"   "3996137"   "4099540"   "4127484"   "4272368"   "4279746"   "4497706"   "4500425"   "4764275"   "4820409"   "4935127").PN.) covington-edward\$.in. (137/846,849,850.ccls. and oil) (137/846,849,850.ccls. and oil) 210/130,136.ccls.)	USPAT; EPO; JPO	2002/10/19 15:43
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-	103	(210/430.ccls. n t ((3369666.pn. 4524805.pn. 3802564.pn.) cecil-t\$.xa,xp. (cecil-t\$.xa,xp. and oil ) ((c cil-t\$.xa,xp. and oil ) and 210/13?.ccls.) ((("0287007"   "0729027"   "0743006"   "2072271"   "3042215"   "3184062"   "3231089"   "3305095"   "3369666"   "3590851"   "4129144"   "4144168"   "5250176"   "5690816"   "5833843"   "5971016"   "6027640"   "6050295").PN.) ((("0287007"   "0729027"   "0743006"   "2072271"   "3042215"   "3184062"   "3231089"   "3305095"   "3369666"   "3590851"   "4129144"   "4144168"   "5250176"   "5690816"   "5833843"   "5971016"   "6027640"   "6050295").PN.) ((("0263259"   "0615751"   "0657007"   "0813075"   "1596520"   "2292373"   "2328382"   "2352642"   "2446571"   "2569369"   "2594318"   "2598002"   "2642259"   "2724442"   "3369666"   "3429108"   "3504699"   "3773233"   "4067414"   "4077429").PN.) 4524805.URPN. ((("1872430"   "2087887"   "2211305"   "2253684"   "2275481"   "2418777"   "3095370").PN.) 3802564.URPN. 3369666.URPN. 2598002.URPN. ((("0287007"   "0729027"   "0743006"   "2072271"   "3042215"   "3184062"   "3231089"   "3305095"   "3369666"   "3590851"   "4129144"   "4144168"   "5250176"   "5690816"   "5833843"   "5971016"   "6027640"   "6050295").PN.) ((("2092162"   "2183616"   "2937756"   "3132097"   "3231089"   "3235085"   "3243045"   "3305095"   "3332554"   "3529722"   "3557957"   "3567023"   "3785491"   "4144168"   "4732678"   "4872976"   "5284579"   "5405527").PN.) ((("3231089"   "3305095"   "3332554"   "3567023"   "3785491"   "4144168"   "4732678"   "4872976"   "5284579").PN.) 5405527.URPN. ((("3042215"   "3184062"   "3235085"   "3297162"   "3315809"   "3369666"   "3370708"   "3456800"   "3529722"   "3557957"   "3599792"   "3662893"   "3785491"   "3807561"   "3912630"   "3984318"   "3996137"   "4099540"   "4127484"   "4272368"   "4279746"   "4497706"   "4500425"   "4764275"   "4820409"   "4935127").PN.) covington-edward\$.in. (137/846,849,850.ccls. and oil) (137/846,849,850.ccls. and oil) 210/130,136.ccls.)) not 210/130,136.ccls.	USPAT; EPO; JPO	2002/10/19 15:46
-	314	210/dig.17.ccls.	USPAT; EPO; JPO	2002/10/19 15:47
-	240	210/dig.17.ccls. not 210/130,136.ccls.	USPAT; EPO; JPO	2002/10/19 15:47
-	140	(210/dig.17.ccls. not 210/130,136.ccls.) and oil	USPAT; EPO; JPO	2002/10/19 15:48
-	53	210/dig.17.ccls. not 210/130,136.ccls.	USOCR	2002/10/19 15:47
-	49	(210/dig.17.ccls. not 210/130,136.ccls.) and oil	USOCR	2002/10/19 15:48
-	0	((210/dig.17.ccls. not 210/130,136.ccls.) and oil) and valv	USOCR	2002/10/19 15:48
-	28	((210/dig.17.ccls. not 210/130,136.ccls.) and oil) and valv\$4	USOCR	2002/10/19 15:49
-	53	(210/dig.17.ccls. not 210/130,136.ccls.) and oil and valv\$4	USPAT; EPO; JPO	2002/10/19 15:53
-	711	210/440,443.ccls. not 210/dig.17,130,136.ccls.	USPAT; EPO; JPO	2002/10/19 15:55
-	346	210/440,443. cls. not 210/dig.17,130,136.ccls.	USOCR	2002/10/19 15:54
-	73	(210/440,443.ccls. not 210/dig.17,130,136.ccls.) and il and valv\$3	USPAT; EPO; JPO	2002/10/19 15:54
-	20	210/440,443. cls. not 210/dig.17,130,136.ccls.	US-PGPUB	2002/10/19 15:55

-	17	(210/440,443.ccls. not 210/dig.17,130,136.ccls.) and oil	US-PGPUB	2002/10/19 15:56
-	94	(210/440,443.ccls. not 210/dig.17,130,136.ccls.) and il and valv\$3	USOCR	2002/10/19 16:03
-	83	210/117.ccls. not 210/130,136,440,443,dig.17.ccls.	USOCR	2002/10/19 16:05
-	17	(210/117.ccls. not 210/130,136,440,443,dig.17.ccls.) and oil and valv\$3	USOCR	2002/10/19 16:04
-	159	210/117.ccls. not 210/130,136,440,443,dig.17.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 16:05
-	22	(210/117.ccls. not 210/130,136,440,443,dig.17.ccls.) and oil and valv\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 16:05
-	12	137/512.4.ccls. and oil	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/21 09:33
-	110	137/512.3,846,511,843.ccls. and oil	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/21 10:02
-	8	3807561.URPN.	USPAT	2002/10/21 09:54
-	129	137/512.4,512.3,846,511,843.ccls. and oil	USOCR	2002/10/21 11:13
-	0	hultgren-\$.in.	USOCR	2002/10/21 11:13
-	170	hultgren-\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/21 11:13
-	21	hultgren-\$.in. and oil	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/21 11:34
-	17	3000506.URPN.	USPAT	2002/10/21 11:31
-	6	((("2649277") or ("2888141") or ("2894630"))).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/21 11:35